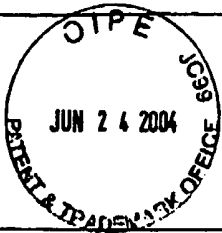


FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. TSR1568.1	SERIAL NO. 09/600,985
		APPLICANT Madison	
		FILING DATE November 13, 2000	GROUP 1653

INFORMATION DISCLOSURE
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U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
SS	5,616,486	4/1/97	Anderson, et al.			

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EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
SS	EP 0 351 246	1/17/90	EPO			
	WO 90/02798	3/22/90	PCT			
	EP 0 199 574	10/29/86	EPO			
	WO 88/05081	7/14/88	PCT			
	EP 0 241 209	10/14/87	EPO			
SS	EP 0 201 153	11/12/86	EPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

SS	1	Petersen, et al., Quenching of the amidolytic activity of one-chain tissue-type plasminogen activator by mutation of lysine-416, 1990, <i>Biochemistry</i> , 29(14):3451-3457.
	2	Tachias, et al., Variants of tissue-type plasminogen activator which display substantially enhanced stimulation by fibrin, 1995, <i>J. Biol. Chem.</i> , 270(31):18319-18322.
	3	Krause, et al., Properties of molecular variants of tissue-type plasminogen activator, 1989, <i>Arzneim.-Forsch.</i> , 39:632-637.
	4	van Zonneveld, et al., Mapping of epitopes on human tissue-type plasminogen activator with recombinant deletion mutant proteins, 1987, <i>Thrombosis & Haemostasis</i> , 57(1):82-86.
	5	Browne, et al., A tissue-type plasminogen activator mutant with prolonged clearance in vivo. Effect of removal of the growth factor domain, 1988, <i>J. Biol. Chem.</i> , 263:1599-1602.
	6	Madison, et al., Serpin resistant mutants of human tissue-type plasminogen activator, 1989, <i>Nature</i> , 339:721-724.
SS	7	Higgins, et al., The effect of the one-chain to two-chain conversion in tissue plasminogen activator: Characterization of mutations at position 275, 1990, <i>Thrombosis Res.</i> , 57:527-539.
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EXAMINER		DATE CONSIDERED 9/20/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

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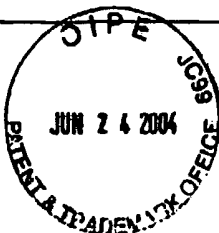
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SS	EP 0 233 013	8/19/87	EPO	11	11	
	EP 0 292 009	11/23/88	EPO	11	11	
	EP 0 293 936	12/7/88	EPO	11	11	
	EP 0 293 934	12/7/88	EPO	11	11	
	WO 88/10119	12/29/88	PCT	11	11	
SS	EP 0 225 286	6/10/87	EPO	11	11	

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FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
SS	WO 87/04722	8/13/87	PCT			
	EP 0 297 066	12/28/88	EPO			
	WO 89/00191	1/12/89	PCT			
	EP 0 299 706	1/18/89	EPO			
	EP 0 238 304	9/23/87	EPO			
SS	EP 0 231 624	8/12/87	EPO			

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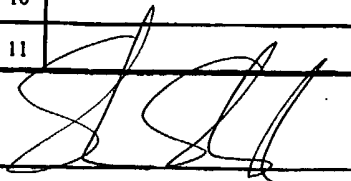
U.S. PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
SS	EP 0 290 118	11/9/88	EPO			
SS	EP 0 240 334	10/7/87	EPO			

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U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
SS	1	5,520,913	05/1996	Anderson et al.			
SS	2	5,525,477	06/1996	Hassouna			
SS	3	5,246,850	09/1993	Bennett et al.			

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SS	4	Lamba, et al., "The 2.3 A Crystal Structure of the Catalytic Domain of Recombinant Two-chain Human Tissue-type Plasminogen Activator", <u>J. Mol. Biol.</u> 258: 117-135 (1996)
SS	5	Strandberg, et al., "Variants of Tissue-type Plasminogen Activator with Substantially Enhanced Response and Selectivity toward Fibrin Co-factors", <u>J. Biol. Chem.</u> 270(40): 23444-23449 (1995)
SS	6	Tate, et al., "Functional Role of Proteolytic Cleavage at Arginine-275 of Human Tissue Plasminogen Activator as Assessed by Site-Directed Mutagenesis", <u>Biochemistry</u> 26: 338-343 (1987)
EXAMINER	DATE CONSIDERED	

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